OneRemote DAB/ FM Tuner

Type 30012646

Operable with B&O Remotes Only

User Manual

Everyday Control with Beo4, Beo5, Beo6

GO GO	Select
▲	Up
▼	Down
STOP	Manual power on/ off
◀◀	DAB / FM
▶▶	Menu
0 – 9	Select a pre-set station

Everyday Control with Beolink 1000

PLAY PLAY	Select
▲	Up
▼	Down
STOP	Manual power on/ off
«	DAB / FM
»	Menu
0 – 9	Select a pre-set station

Special Commands, used only by initial installation

GO ▲	Volume up
GO ▼	Volume down
GO EXIT	Station scanning
GO 1	Set as preset 1 *1
GO 2	Set as preset 2 *1
GO 3	Set as preset 3 *1
GO 4	Set as preset 4 *1
GO 5	Set as preset 5 *1
GO 6	Set as preset 6 *1
GO 7	Set as preset 7 *1
GO 8	Set as preset 8 *1
GO 9	Set as preset 9 *1
GO 0	Set as preset 10*1

Special Commands, used only by initial installation

PLAY ▲	Volume up
PLAY ▼	Volume down
PLAY STORE	Station scanning
PLAY 1	Set as preset 1 *1
PLAY 2	Set as preset 2 *1
PLAY 3	Set as preset 3 *1
PLAY 4	Set as preset 4 *1
PLAY 5	Set as preset 5 *1
PLAY 6	Set as preset 6 *1
PLAY 7	Set as preset 7 *1
PLAY 8	Set as preset 8 *1
PLAY 9	Set as preset 9 *1
PLAY 0	Set as preset 10*1

*1
Not all Bang & Olufsen equipment responds to numeric commands. Using the Direct Mode option is recommended.

List of Contents

Translation table ..... page 1

List of contents ..... page 2

Getting started ..... page 3

Direct or CableLink mode ..... page 3

Factory settings ..... page 3

Installation ..... page 4

Connection to B&O Equipment ..... page 4

Antenna connection ..... page 5

Automatic power on and off ..... page 5

Option programming ..... page 6

Source & Option selection ..... page 7

Getting Started

This OneRemote DAB/FM tuner has been designed for operation in a Bang & Olufsen remote control system allowing full control with a Bang & Olufsen remote control terminal either directly or via connection to Bang & Olufsen equipment.

Thus the tuner is Beolink compatible.

Direct Mode or CableLink Mode

The OneRemote DAB/FM tuner is connected to Bang & Olufsen equipment via the 7-pin DIN cable with or without adaptor, and through option programming it may be controlled as follows:

1. **Via the tuner's built in IR-receiver, "Direct Mode"**
   Direct Mode is used when connection to an input with control data is not possible.

2. **Via the cable connected Bang & Olufsen equipment, "CableLink Mode"**
   CableLink Mode is used only when connection to an input with control data is possible.

See page 6 for Option Programming.

Factory Settings

The factory setting is for "Direct Mode" and manual power control.

The factory setting for input socket and selected source is:

Remote control	Source
Beo4, Beo5 or Beo6	N.MUSIC, A.MEM2 or TAPE2
Beolink 1000	SHIFT A.TAPE

If the DAB/FM tuner is connected to a *different* input, the option should be programmed accordingly.
See page 6 for **Option Programming**

Installation

1) Connect power supply.
2) Connect external antenna if required.
3) Turn the power switch on, located on the cabinet.
4) Select option and complete option programming, if required.
5) Connect the tuner to the correct input socket on the Bang & Olufsen equipment.
6) Select the corresponding source on the remote control terminal.
7) Turn on the tuner manually, if it is not in the automatic power up mode.
8) Select and program your favorite stations.

Connection to Bang & Olufsen Equipment
This OneRemote DAB/FM tuner may be connected to **any** Bang & Olufsen BeoSound, BeoCenter, BeoMaster, BeoSystem or BeoVision TV and controlled with a Bang & Olufsen remote control terminal, but it may also be connected to equipment of any other brand and still be controlled with the Bang & Olufsen remote control terminal.

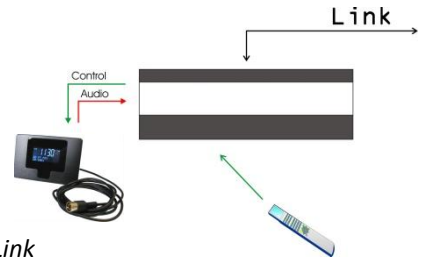
Through the years Bang & Olufsen equipment has had input sockets added, removed and renamed. A newer Bang & Olufsen remote control has the button N.MUSIC, which is identical to SHIFT A.TAPE or A.TAPE2 on older remotes.

Below tables are showing available input sockets and their designation on various Bang & Olufsen equipment. The tables below also show the source that has to be selected to open a given input.

Thus with identified Bang & Olufsen equipment and the selected input socket the required option for the tuner to be operable may be determined. Some input sockets allow for the CableLink option to be selected, whereas most of the newer audio equipment requires the Direct Mode option to be used.

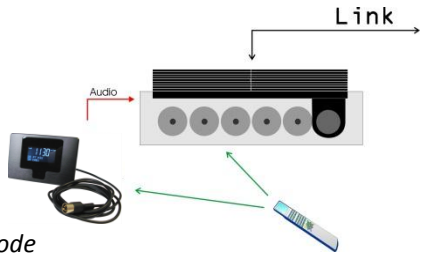
The Direct Mode Option:
The tuner is controlled directly with the Bang & Olufsen remote control terminal.
Control from a linkroom is not possible, although the tuner may be listened to there.

The CableLink Option:
The tuner is controlled with the Bang & Olufsen remote control terminal through the connected Bang & Olufsen equipment sending control data via the connection cable. The tuner may be controlled from any linkroom too.



CableLink

*The CableLink option allows for the tuner to be listened to **and** controlled from any linkroom.*



Direct Mode

*The Direct Mode option allows for the tuner to be listened to but **not** controlled from any linkroom. The Direct Mode option works in any Bang & Olufsen set up, but the tuner's IR receiver is not plasma safe.*

Antenna Connection

The OneRemote DAB/FM tuner may be connected to any antenna designed for FM and the DAB reception.

- If the FM signal strength is not sufficient the reception will be noisy.
- If the DAB signal strength is not sufficient the reception is varying from disturbing ”bubbles” to complete quietness.

Automatic Power Up and Down

As default factory setting the tuner is manually powered up and down with the STOP button. As the display is automatically dimmed 10 seconds after any operation, powering the tuner down is not a strict requirement.

If automatic powering up and down with the source selection is desired, programming a specific option allows for that.

Option Code	Function
Option 990	The tuner can only be powered up and down, using the STOP button.
Option 991	The tuner automatically powers up and down.

Important Info about the Automatic Power Mode.

When the automatic power option has been set, the tuner turns on and off automatically with the source selection. But if the tuner’s clock has not been set, automatic power up and down is NOT possible.

The clock is automatically set 10-30 seconds after power has been applied to the tuner, provided a DAB station has been received. Thus the automatic power option cannot be used if the tuner is switched off the mains regularly.

Menu

Pressing ▶▶ enters the tuner’s main Menu.

Use the ▲ ▼ buttons to select one of the sub menus:

- Manual scan
- Contrast
- System reset
- Software version

Option Programming

Option programming is required only when installing the tuner. The programming is performed with a Bang & Olufsen remote control terminal by initiating a 5 button sequence within 8 seconds after powering up the tuner.

When powering up the tuner the red control LED flashes for 8 seconds, and the programming has to be carried out before the control LED stops flashing**.** When entering a button the timeout is prolonged with another 8 seconds.

If not successful the operation may be repeated. Programming starts by pressing LIGHT and ends by pressing ● All options have 3 digits to be entered in between.

Option 106 is entered like this:

LIGHT *1 1 0 6 ●

Control LED Indications
Red/green flash By initial power up the LED starts flashing red/green, indicating that the tuner is in Option Programming Mode, i.e. an option may be entered. The Option Programming Mode is terminated after 30 secs. or prior hereto if any command except for 0 - 9 , ● or LIGHT is received.
Red The tuner is powered down.
Green The tuner is powered up or the tuner is searching for a signal to set the clock.
Intermittently turned off The LED turns off very briefly as a command handshake indicator.

**1 If using a Beolink1000 remote control, LIGHT must be replaced with SHIFT-LINK.*

Source & Option Selection

The following tables show the available input sockets on various Bang & Olufsen audio and video products, how to select them using a remote control terminal and what the corresponding option program of the One Remote DAB/FM tuner should be.

The OneRemote DAB/ FM tuner has to be programmed with the right option to operate correctly:

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 5 Encore	LINE-IN	A.AUX SHIFT RADIO	100	-	Mini jack in.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 2	AUX-IN	A.AUX SHIFT RADIO	100	-	RCA in/ out.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 4	AUX	A.AUX SHIFT RADIO	100	-	RCA in/ out.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 1	AUX	A.AUX SHIFT RADIO	100	-	DIN in/ out.
	AUX	A.MEM, ATAPE	102	-	DIN in/ out.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound Century	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	-	DIN in/ out.
	AUX	N.RADIO PHONO	106	-	DIN in/ out.
	AUX	A.AUX SHIFT RADIO	100	-	DIN in/ out.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 9000	AUX	A.AUX SHIFT RADIO	100	-	DIN in/ out.
	AUX	A.MEM ATAPE	102	-	DIN in/ out.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound 3000 BeoSound 3200	AUX	A.AUX SHIFT RADIO	100	-	DIN in/ out.
	AUX	A.MEM ATAPE	102	-	DIN in/ out.
	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	-	DIN in/ out.
	AUX	N.RADIO PHONO	106	-	DIN in/ out.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSound Ouverture	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	302	Input with control data via cable. No numeric data via cable.
	AUX	N.RADIO PHONO	106	206	Input with control data via cable. No numeric data via cable.
	AUX	A.AUX SHIFT RADIO	100	-	Input with control data via cable. No numeric data via cable.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoSystem 2500	AUX	A.AUX SHIFT RADIO	100	-	Input with control data via cable. No numeric data via cable.
	AUX	N.MUSIC A.MEM2 SHIFT ATAPE	103	302	Input with control data via cable. No numeric data via cable.
	AUX	N.RADIO PHONO	106	206	Input with control data via cable. No numeric data via cable.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 8000	TAPE2	N.MUSIC A.MEM2 SHIFT A.TAPE	103	302	Input with control data via cable. No numeric data via cable.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 8500 BeoCenter 9000 BeoCenter 9500	TAPE2	N.MUSIC A.MEM2 SHIFT A.TAPE	103	302	Input with control data via cable. No numeric data via cable.
	AUX	A.AUX	100	-	

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
BeoCenter 9300	PHONO	N.RADIO PHONO	106	206	Input with control data via cable. No numeric data via cable.
	TAPE2	N.MUSIC A.MEM2 SHIFT A.TAPE	103	302	Input with control data via cable. No numeric data via cable.
	AUX	A.AUX	100	-	

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
Beolink Converter 1611	AAL	AMEM ATAPE	-	402	*1*2
	AAL	CD	-	404	*1*2
	AAL	N.radio Phono	-	406	*1*2
	AAL	Radio	-	408	*1*2
	AAL	VMEM Vtape	-	410	*1*3
	AAL	VAUX	-	412	*1*3
	AAL	DVD	-	414	*1*3
	AAL	DTV Satellite	-	416	*1*3

*1
The Beolink Converter 1611 must be wired with a Masterlink cable to a single B&O TV or Audiomaster.

*2
The receiver must be connected using a 39207432 ASNUT adaptorcable.

*3
The receiver must be connected using a 39207434 VSNUT adaptorcable.

	Input Socket	Selected Source	Direct Option	CableLink Option	Remarks
LX 2502 LX 2802 L4500 LS 4500 LX 4500 L5000 LS 5000 LX 5000 L5500 LS 5500 LX 5500 L6000 LS 6000 LX 6000 LE 6000 MX 1500 MX 3000 MX 3500 MX 4000 MX 4002 MX 4500 MX 5000 MX 5500 ME 6000 MS 6000 MX 6000 MX 7000 MX 4200 MX 8000 AVANT all models All newer TV-models may be connected via the AV input sockets too……	Scart AV1 AV2 …. Not decoder Socket.	V.MEM V.TAPE	110	410	*9
		V.MEM2 V.TAPE2 SHIFT V.TAPE	110	410	*9
		DTV SAT	116	416	*9
		V.AUX	112	412	*9
		DVD	114	414	*9

*9
connection to an AV Input on the TV using the OneRemote Adaptor, type **39207496**.

Check the TV user guide for setting up the AV inputs.